

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 14858-0007	SERIAL NO. 10/815,596
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANT Patrick W. McManus et al.	
			FILING DATE April 1, 2004	GROUP 3612
O P E R A T I O N S C E N T E R				
JUL 06 2004				

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
HS	AA	2,097,911	11/1937	Becker			
	AB	2,172,405	09/1939	Powell			
	AC	2,284,419	05/1942	Greig			
	AD	3,181,911	05/1965	Péras			
	AE	3,336,071	08/1967	Neale et al.			
	AF	3,964,785	06/1976	Plume			
	AG	4,057,284	11/1977	Blank			
	AH	4,081,051	03/1978	Logsdon			
	AI	4,132,444	01/1979	Beiggs			
	AJ	4,198,091	04/1980	Appleton			
	AK	4,220,369	09/1980	Whitley et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	AL						YES
	AM						NO
	AN						
	AO						
	AP						
	AQ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER <i>HS</i>				DATE CONSIDERED <i>9/2/05</i>			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 14858-0007	SERIAL NO. 10/815,596	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Patrick W. McManus et al.		
				FILING DATE April 1, 2004	GROUP 3612	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
HG	BA	4,223,939	09/1980	Beggs			
	BB	4,261,613	04/1981	Alford			
	BC	4,261,614	04/1981	Rice			
	BD	4,392,682	07/1983	Norkus, Jr.			
	BE	4,659,136	04/1987	Martin et al.			
	BF	4,756,325	07/1988	Daniels			
	BG	4,795,206	01/1989	Adams			
	BH	4,840,427	06/1989	Hong			
	BI	4,909,558	03/1990	Roshinsky			
	BJ	4,944,550	07/1990	Drown et al.			
	BK	4,950,123	08/1990	Brockhaus			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
	BL						
	BM						
	BN						
	BO						
	BP						
	BQ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	BR						
	BS						
	BT						
EXAMINER <i>H. Gut</i>				DATE CONSIDERED 9/2/05			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 14858-0007	SERIAL NO. 10/815,596	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		APPLICANT Patrick W. McManus et al.				
		FILING DATE April 1, 2004		GROUP 3612		

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
HG	CA	4,993,088	02/1991	Chudik			
	CB	5,016,858	05/1991	Mitchell			
	CC	5,064,335	11/1991	Bergeron et al.			
	CD	5,076,640	12/1991	Bulte			
	CE	5,083,830	01/1992	Mucher et al.			
	CF	5,098,146	03/1992	Albrecht et al.			
	CG	5,154,469	10/1992	Morrow			
	CH	5,273,336	12/1993	Schubring et al.			
	CI	5,366,266	11/1994	Harbison			
↓	CJ	5,454,684	10/1995	Berens			
	CK	5,456,511	10/1995	Webber			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
	CL						
	CM						
	CN						
	CO						
	CP						
	CQ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	CR						
	CS						
	CT						
EXAMINER	<i>H. G. H.</i>			DATE CONSIDERED		9/2/05	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 14858-0007	SERIAL NO. 10/815,596	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Patrick W. McManus et al.		
				FILING DATE April 1, 2004		GROUP 3612

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
AG	DA	5,464,264	11/1995	Wilson			
	DB	5,489,134	02/1996	Furuki et al.			
	DC	5,513,941	05/1996	Kulas et al.			
	DD	5,516,182	05/1996	Aragon et al.			
	DE	5,524,953	06/1996	Shaer			
	DF	5,531,497	07/1996	Cheng			
	DG	5,554,998	09/1996	Sherwood et al.			
	DH	5,564,767	10/1996	Strepek			
	DI	5,628,543	05/1997	Filipovich et al.			
	DJ	5,649,731	07/1997	Tognetti			
↓	DK	5,669,654	09/1997	Eilers et al.			

FOREIGN PATENT DOCUMENTS							TRANSLATION	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	DL							
	DM							
	DN							
	DO							
	DP							
	DQ							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER	DR						
EXAMINER	DS						
EXAMINER	DT						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 14858-0007	SERIAL NO. 10/815,596	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Patrick W. McManus et al.		
				FILING DATE April 1, 2004	GROUP 3612	

U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE	
AS	EA	5,692,792	12/1997	Klar (minor)				
	EB	5,700,047	12/1997	Leitner et al.				
	EC	5,735,565	04/1998	Papai et al.				
	ED	5,816,637	10/1998	Adams et al.				
	EE	5,820,190	10/1998	Benner				
	EF	5,845,957	12/1998	Hurst				
	EG	5,924,753	07/1999	DiBassie				
	EH	5,938,262	08/1999	Mills				
	EI	5,944,371	08/1999	Steiner et al.				
	EJ	5,951,233	09/1999	Boucher et al.				
	EK	5,967,584	10/1999	McCarthy et al.				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	
		EL					NO	
		EM						
		EN						
		EO						
		EP						
		EQ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
ER								
	ES							
		ET						
EXAMINER			<i>AS</i>			DATE CONSIDERED		9/2/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 14858-0007	SERIAL NO. 10/815,596	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Patrick W. McManus et al.		
				FILING DATE April 1, 2004		GROUP 3612

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
HG	FA	6,007,137	12/1999	Lambden			
	FB	6,012,776	01/2000	Schneider et al.			
	FC	6,017,082	01/2000	Leoni			
	FD	6,030,018	02/2000	Clare et al.			
	FB	6,033,002	03/2000	Clare et al.			
	FF	6,059,339	05/2000	Madson			
	FG	6,065,792	05/2000	Sciullo et al.			
	FH	6,065,798	05/2000	Sankrithi			
	FI	6,092,335	07/2000	Queveau et al.			
	FJ	6,126,220	10/2000	Brasher			
	FK	6,161,892	12/2000	Chabanne et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	FL							
	FM							
	FN							
	FO							
	FP							
	FQ							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	FR		
	FS		
	FT		

EXAMINER <i>H. G. Luttrell</i>	DATE CONSIDERED 9/2/05
-----------------------------------	---------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 14858-0007	SERIAL NO. 10/815,596	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>			APPLICANT Patrick W. McManus et al.		
			FILING DATE April 1, 2004		GROUP 3612

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
AC	GA	6,199,945	03/2001	Kim			
	GB	6,213,531	04/2001	Corey et al.			
	GC	6,237,981	05/2001	Selleck			
	GD	6,244,651	06/2001	Hecock, Jr.			
	GE	6,254,171	07/2001	Young, Sr.			
	GF	6,332,627	12/2001	Damron			
	GG	6,332,637	12/2001	Chambers			
	GH	6,334,562	01/2002	Ament et al.			
	GI	6,340,189	01/2002	Pordy			
	GJ	6,340,198	01/2002	Benites et al.			
↓	GK	6,340,208	01/2002	Habedank			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	GL						
	GM						
	GN						
	GO						
	GP						
	GQ						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	GR						
	GS						
	GT						
EXAMINER				DATE CONSIDERED	9/2/05		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 14858-0007	SERIAL NO. 10/815,596	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Patrick W. McManus et al.		
				FILING DATE April 1, 2004		GROUP 3612

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
Hu	HA	2002/0105201	08/2002	Melotik et al.			
	HB	6,431,634	08/2002	Ananian			
	HC	6,450,566	09/2002	Hong			
	HD	6,464,274	10/2002	Mink et al.			
	HE	6,471,282	10/2002	Hanning			
	HF	6,481,772	11/2002	Tenn			
	HG	6,488,333	12/2002	Kim			
	HH	6,491,331	12/2002	Fox			
	HI	6,494,531	12/2002	Kim			
	HJ	6,503,036	01/2003	Bequette et al.			
	HK	6,517,137	02/2003	Kiester et al.			

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	HL						
	HM						
	HN						
	HO						
	HP						
	HQ						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER	HR						
	HS						
	HT						

EXAMINER	<i>Hu</i>	DATE CONSIDERED	<i>7/2/05</i>
----------	-----------	-----------------	---------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 14858-0007	SERIAL NO. 10/815,596	
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT Patrick W. McManus et al.		
				FILING DATE April 1, 2004		GROUP 3612

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
HG	IA	2003/0047974	03/2003	Tame			
	IB	2003/0057725	03/2003	Hernandez et al.			
	IC	6,601,899	08/2003	Kiester et al.			
	ID	6,609,744	08/2003	Gehring et al.			
	IE	6,644,719	11/2003	Young, Sr.			
	IF	6,742,822	06/2004	Vejnar			
	IG						
	IH						
	II						
	U						
	IK						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	IL						
	IM						
	IN						
	IO						
	IP						
	IQ						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	IR							
	IS							
	IT							
EXAMINER <i>Holt</i>				DATE CONSIDERED 7/2/05				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.